

Title: METHOD FOR PROVIDING A SELF-PINNED  
DIFFERENTIAL GMR SENSOR AND SELF-PINNED  
DIFFERENTIAL GMR SENSOR

Applicants: H. Gill

Docket: HJO920030086US1/HITG.034PA

Sheet 1 of 9

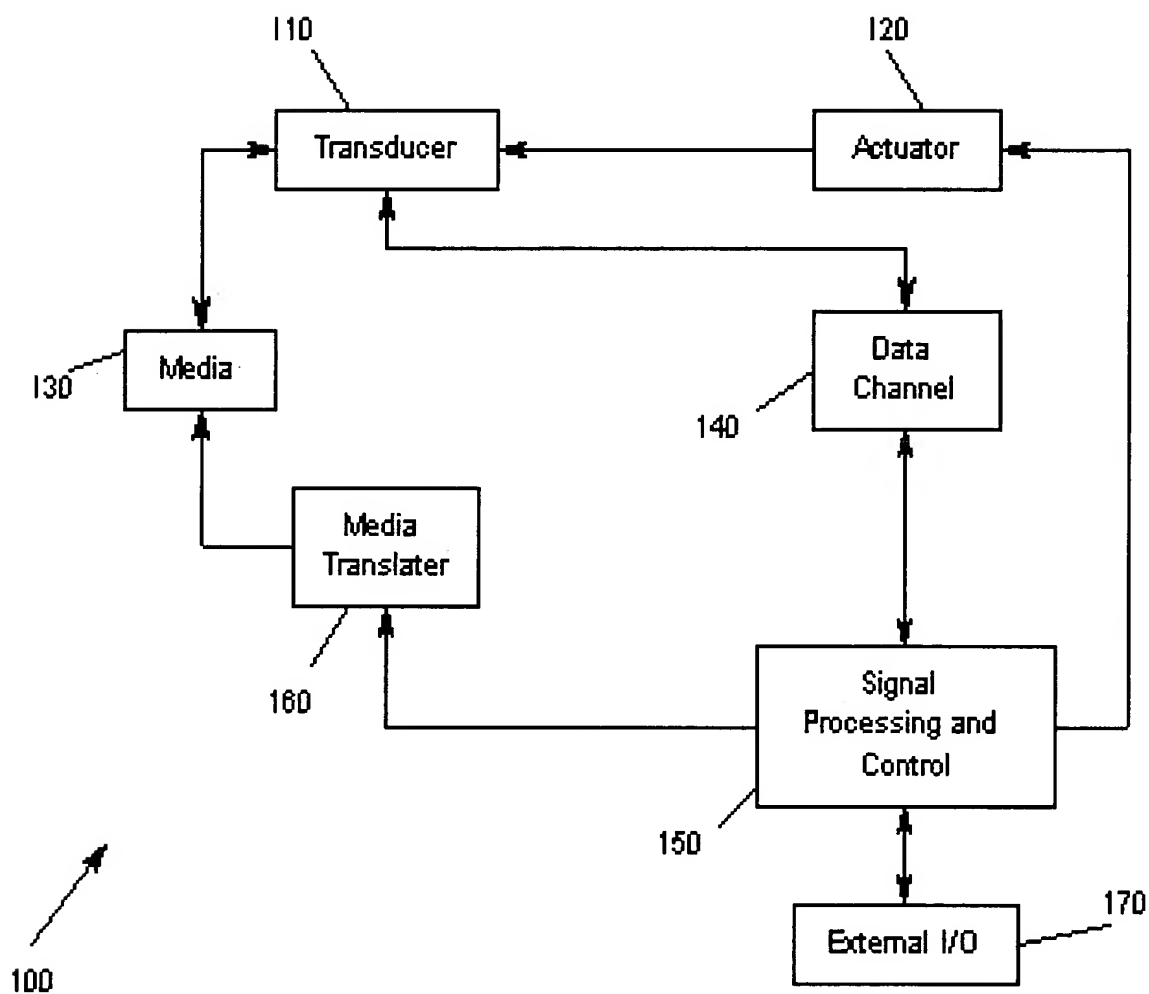


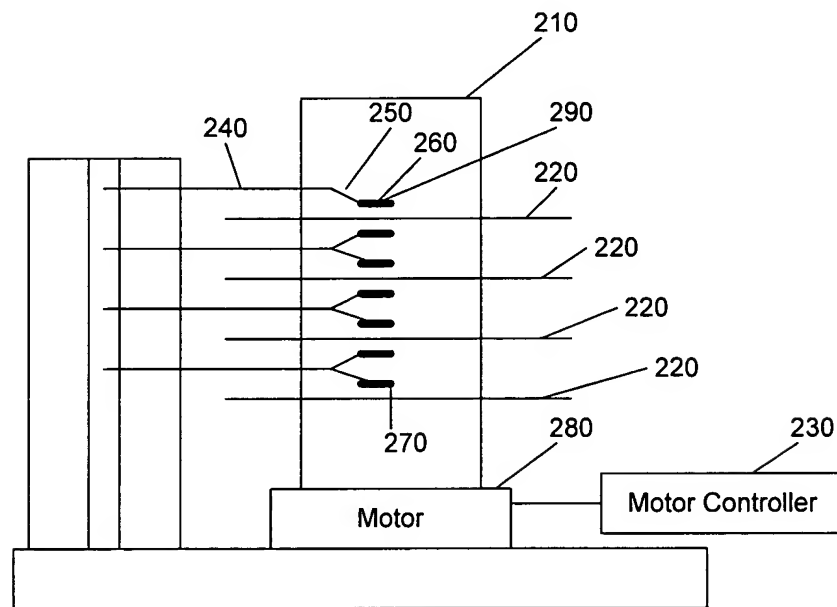
Fig. 1

Title: METHOD FOR PROVIDING A SELF-PINNED  
DIFFERENTIAL GMR SENSOR AND SELF-PINNED  
DIFFERENTIAL GMR SENSOR

Applicants: H. Gill

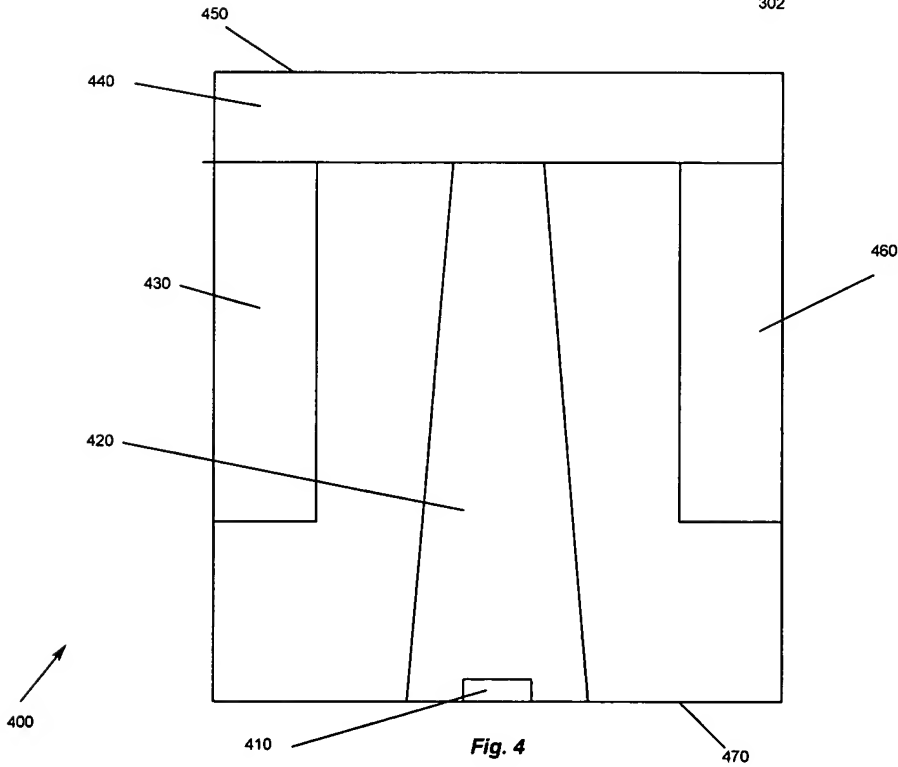
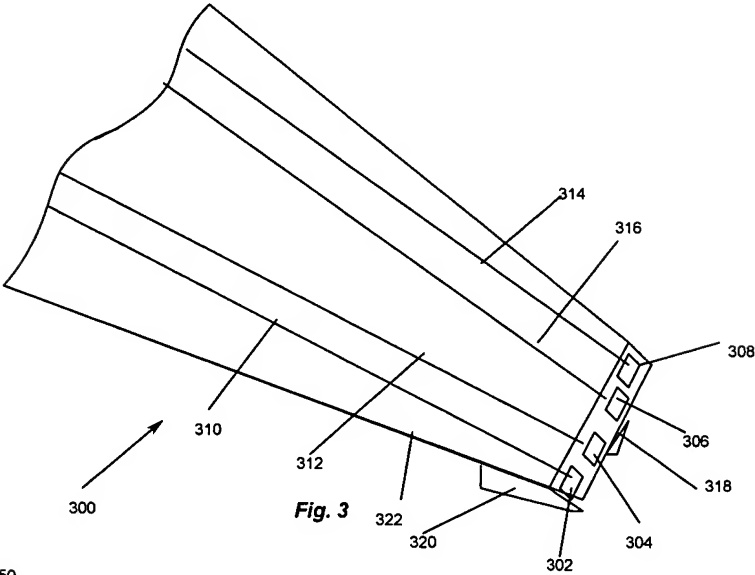
Docket: HJO920030086US1/HITG.034PA

Sheet 2 of 9



200

**Fig. 2**



Title: METHOD FOR PROVIDING A SELF-PINNED  
DIFFERENTIAL GMR SENSOR AND SELF-PINNED  
DIFFERENTIAL GMR SENSOR

Applicants: H. Gill

Docket: HJO920030086US1/HITG.034PA

Sheet 4 of 9

500

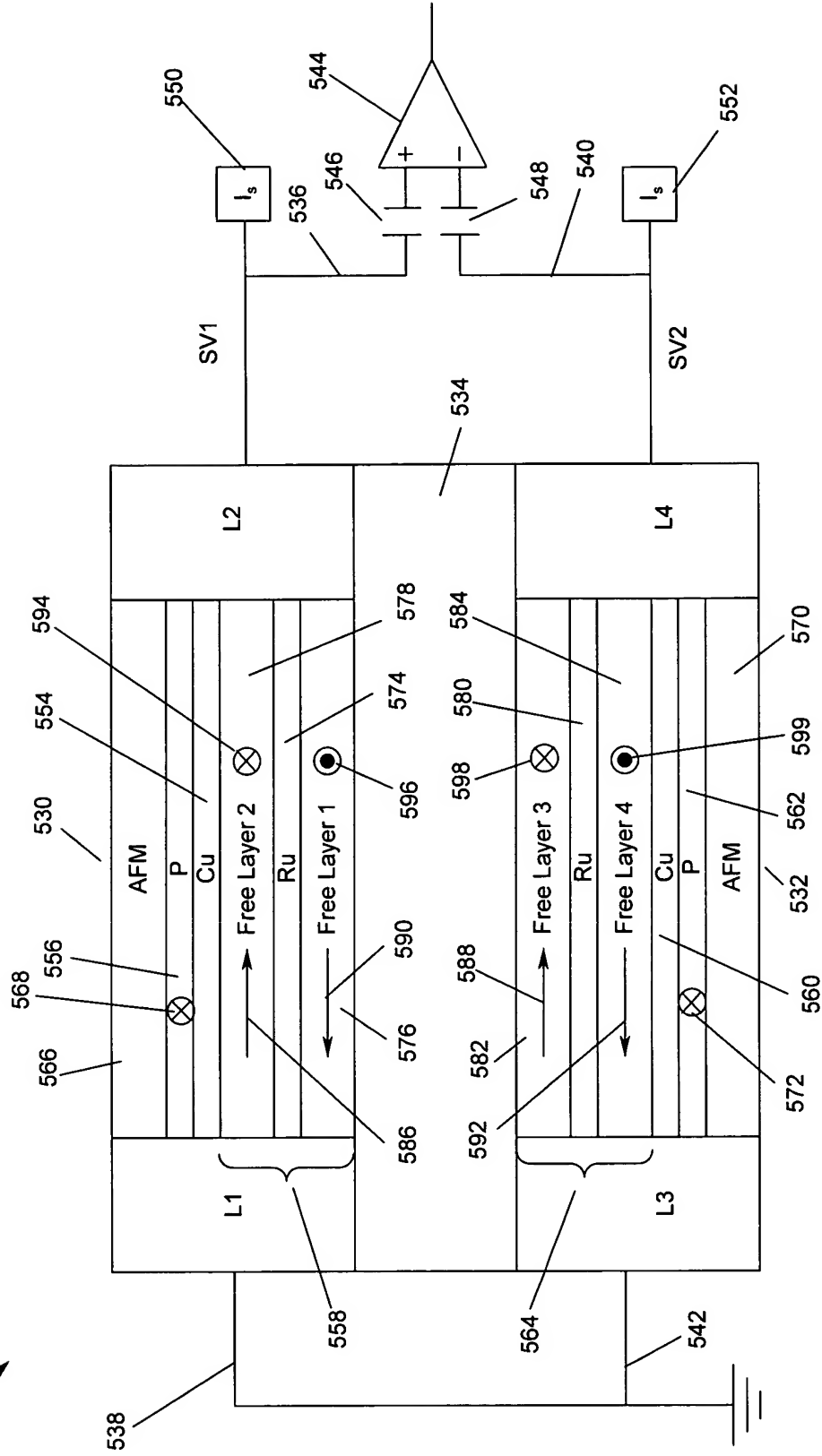


Fig. 5

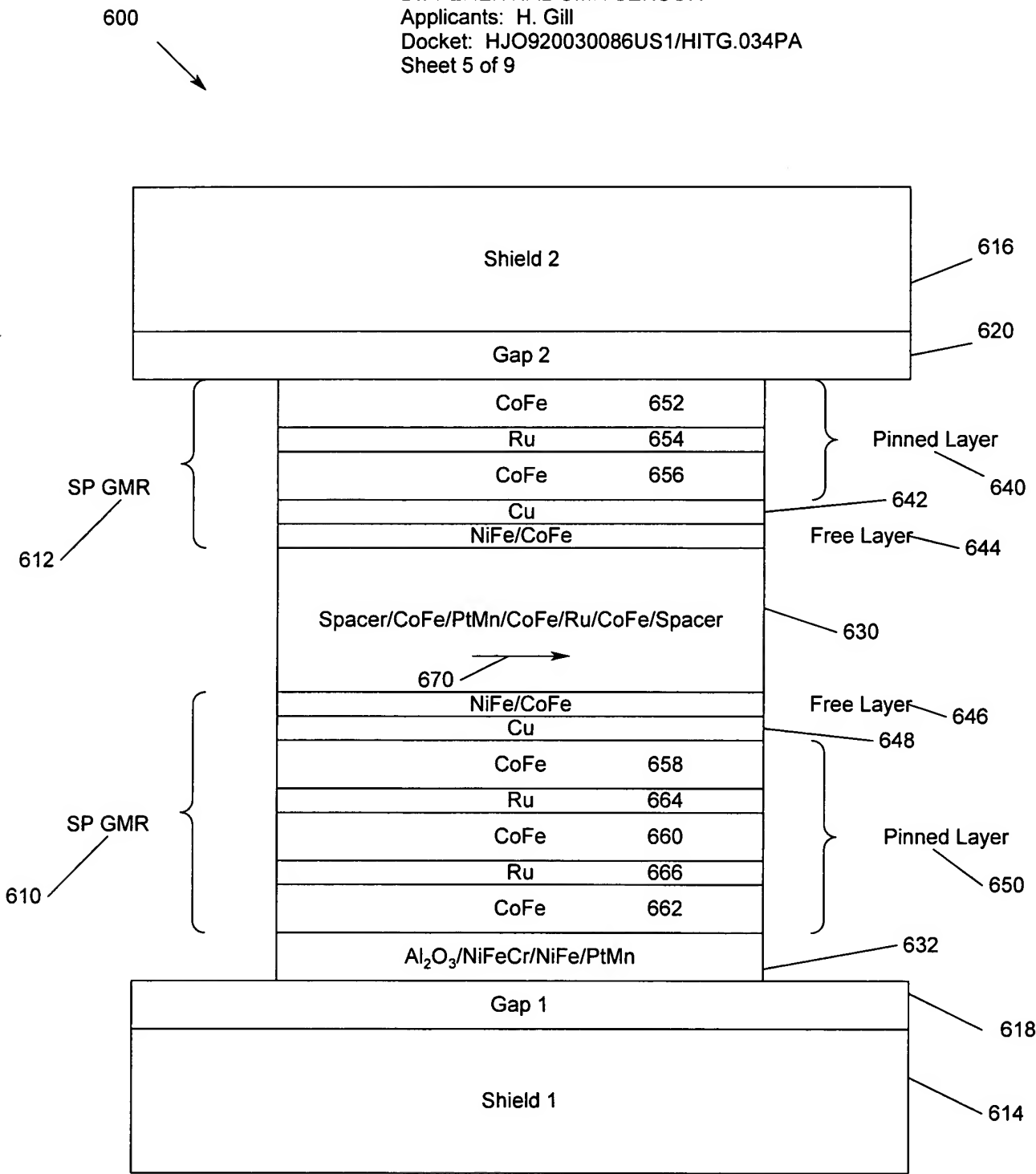


Fig. 6

700

Title: METHOD FOR PROVIDING A SELF-PINNED  
DIFFERENTIAL GMR SENSOR AND SELF-PINNED  
DIFFERENTIAL GMR SENSOR

Applicants: H. Gill

Docket: HJO920030086US1/HITG.034PA

Sheet 6 of 9

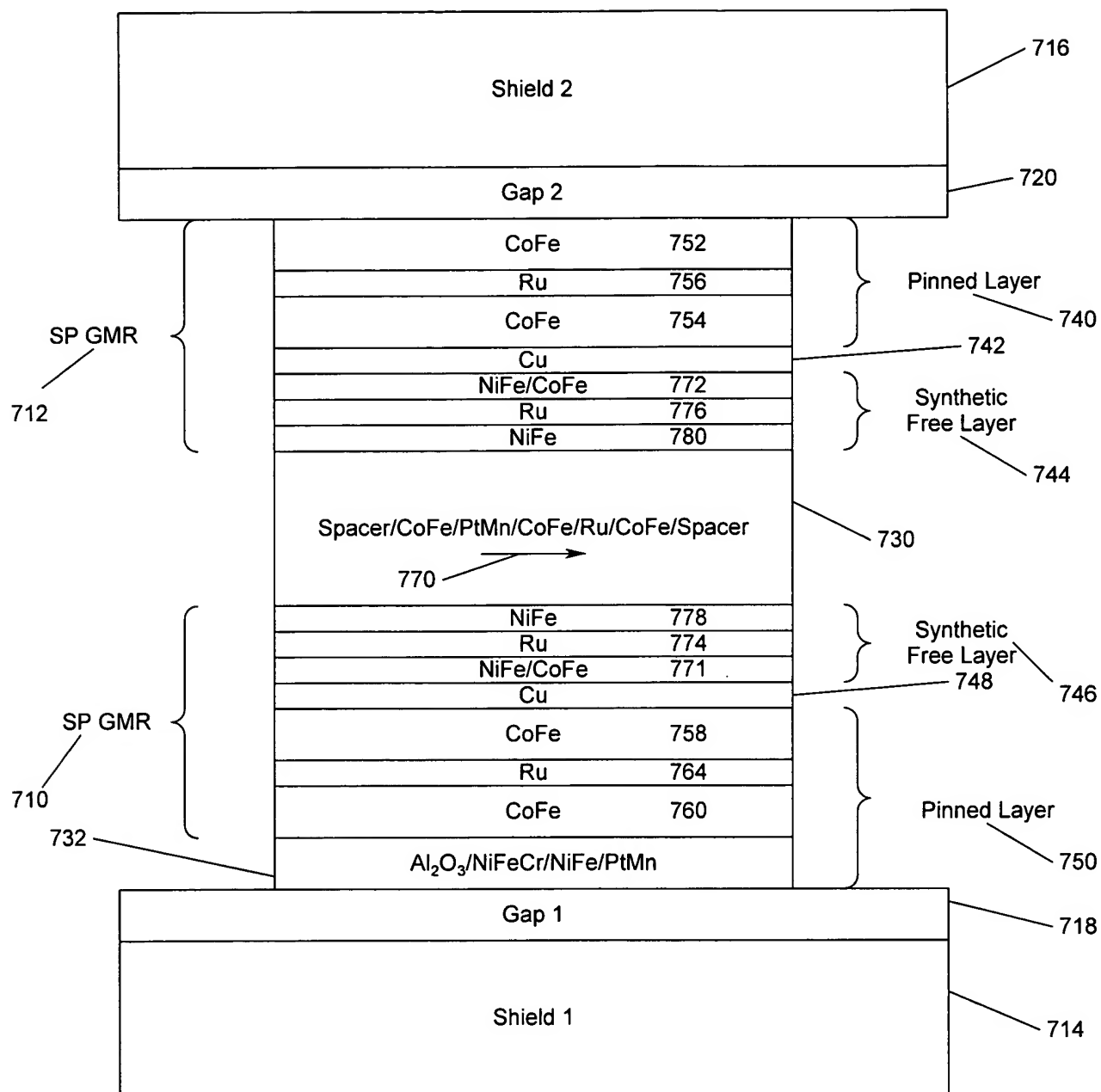


Fig. 7

Title: METHOD FOR PROVIDING A SELF-PINNED  
DIFFERENTIAL GMR SENSOR AND SELF-PINNED  
DIFFERENTIAL GMR SENSOR

Applicants: H. Gill

Docket: HJO920030086US1/HITG.034PA

Sheet 7 of 9

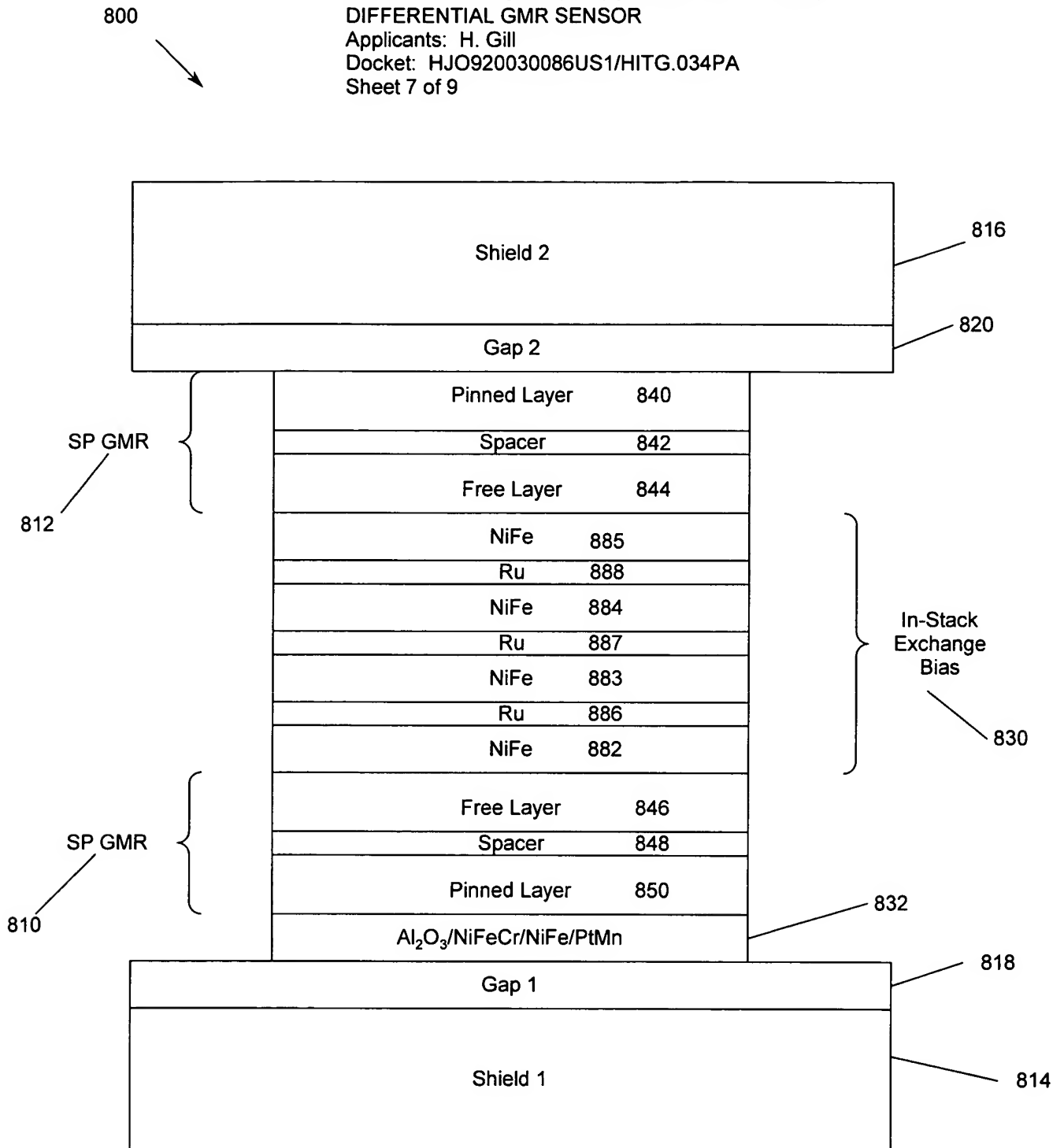


Fig. 8

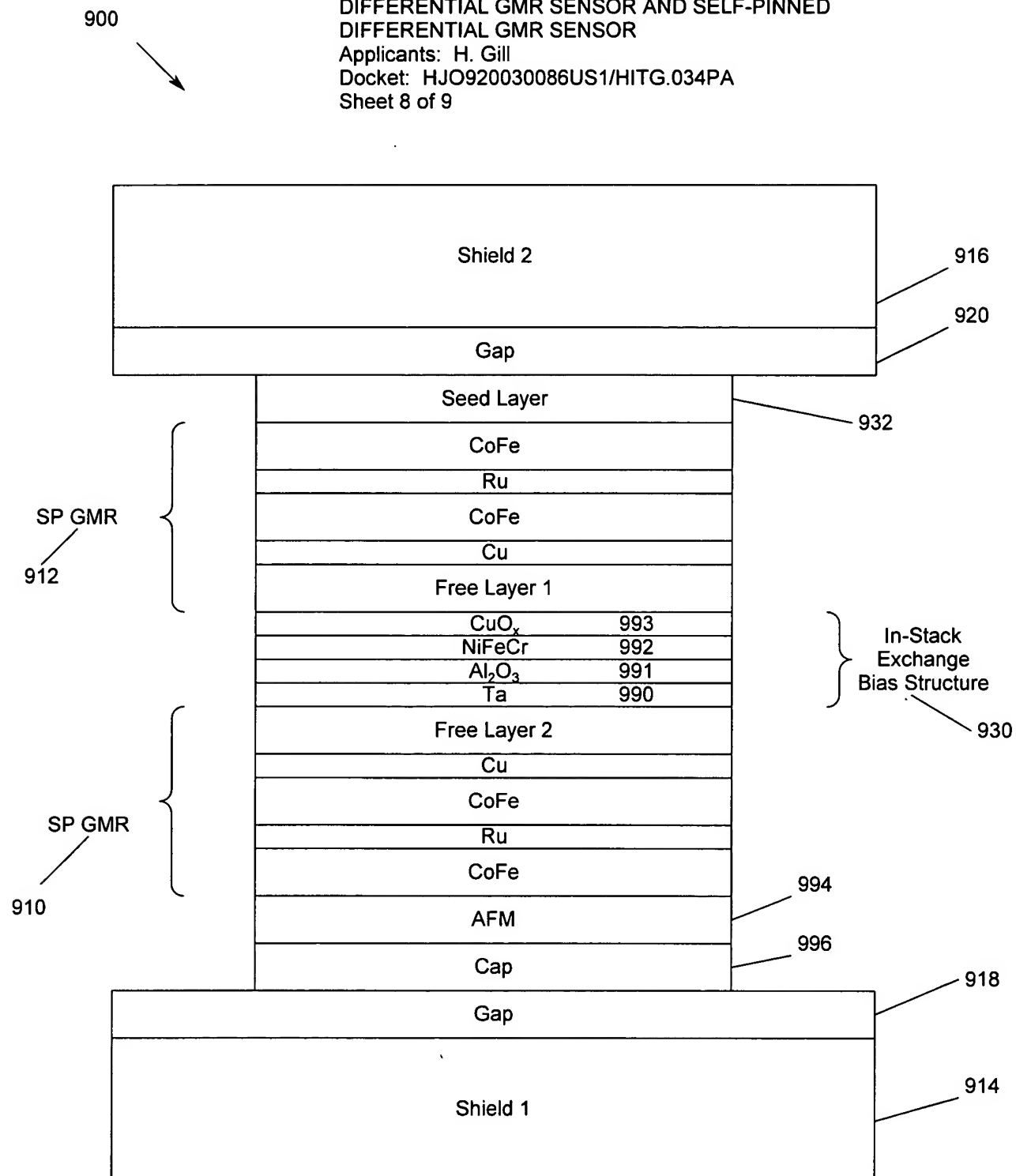


Fig. 9



Title: METHOD FOR PROVIDING A SELF-PINNED  
DIFFERENTIAL GMR SENSOR AND SELF-PINNED  
DIFFERENTIAL GMR SENSOR

Applicants: H. Gill

Docket: HJO920030086US1/HITG.034PA

Sheet 9 of 9

1000

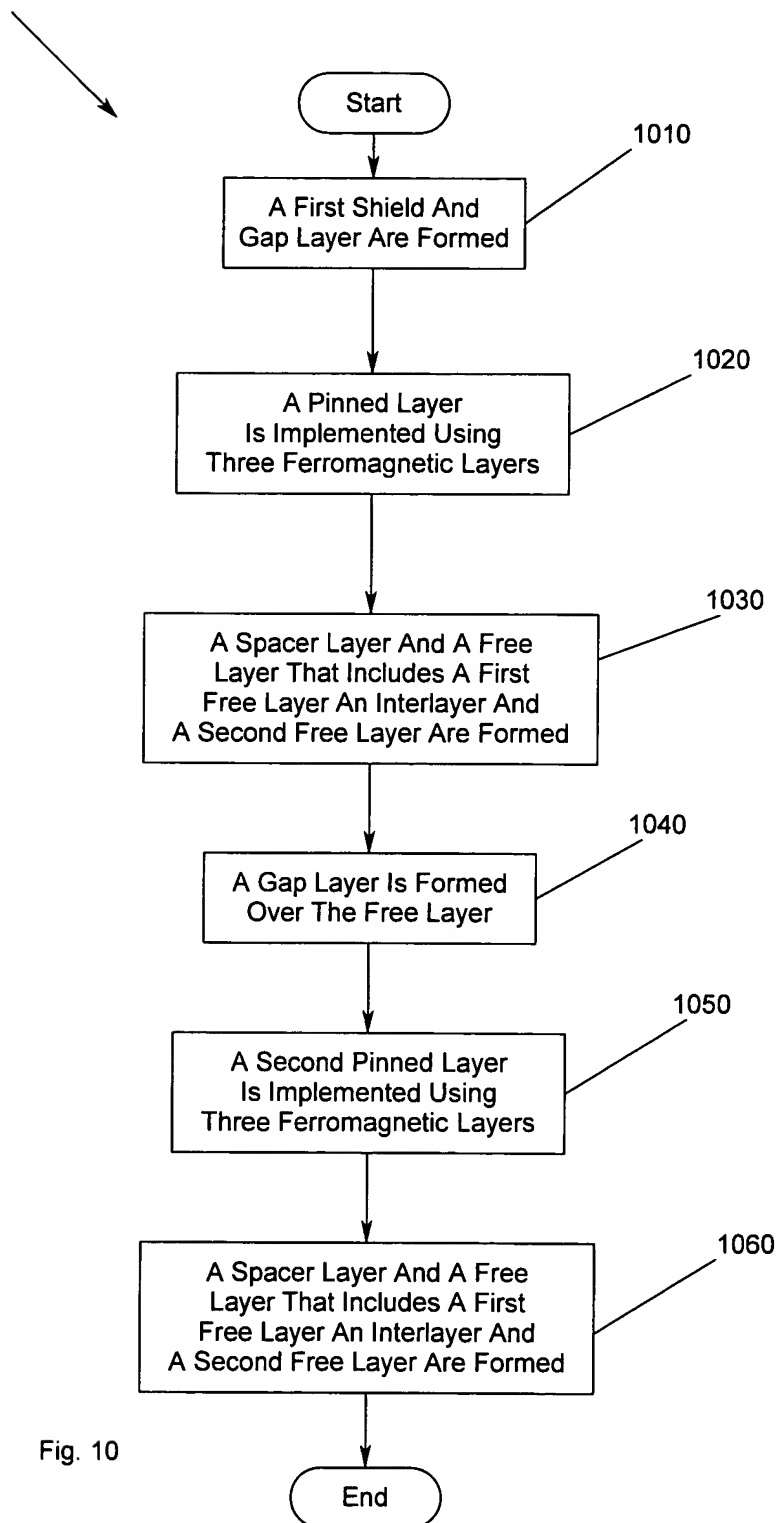


Fig. 10